ALED3T78W/480/PCS4





Color: White

Weight: 32.0 lbs

| Project: | | Туре: | Туре: | | | |
|--------------|------------------|-----------------|--------------|--|--|--|
| Prepared | By: | Date: | | | | |
| Driver Info | | LED Info | | | | |
| Туре: | Constant Current | Watts: | 78W | | | |
| 120V: | N/A | Color Temp: | 5100K (Cool) | | | |
| 208V: | N/A | Color Accuracy: | 67 CRI | | | |
| 240V: | N/A | L70 Lifespan: | 100,000 | | | |
| 277V: | N/A | Lumens: | 6,759 | | | |
| | 79W | Efficacy: | 85 LPW | | | |
| Input Watts: | | | | | | |

Technical Specifications

Other

ALED3T78 with Photocell:

480V Swivel Photocell Included. Photocell is only compatible with 347-480V.

California Title 24:

ALED3T78/480/PCS4 with the swivel photocell (480V) option complies with 2013 California Title 24 building and electrical codes as a commercial outdoor pole-mounted fixture > 75 Watts at mounting heights greater than 24 feet.

Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

Patents:

The ALED design is protected by patents in the U.S. Pat. 668,370, Canada Pat. 144956, China ZL201230100154.X, and Mexico Pat. 38423. Pending patents in Taiwan.

Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

Buy American Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

Trade Agreements Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

Technical Specifications (continued)

Construction

Green Technology:

Mercury and UV free.

For use on LEED Buildings:

IDA Dark Sky Approval means that this fixture can be used to achieve LEED Credits for Light Pollution Reduction.

LED Characteristics

LEDs:

Six (6) multi-chip, 13W, high-output, long-life LEDs.

Color Consistency:

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

Listings

UL Listing:

Suitable for wet locations as a downlight.

IESNA LM-79 & IESNA LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and 80, and have received the Department of Energy "Lighting Facts" label.

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

Dark Sky Approved:

The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.

Optical

Lumen Maintenance:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

Replacement:

The ALED78 replaces 250W Metal Halide Area Lights.

BUG Rating:

B1 U0 G2

Construction

IES Classification:

The Type III distribution is ideal for roadway, general parking and other area lighting applications where a larger pool of lighting is required. It is intended to be located near the side of the area, allowing the light to project outward and fill the area.

IP Rating:

Ingress Protection rating of IP66 for dust and water.

Ambient Temperature:

Suitable for use in 40°C ambient temperatures.

Cold Weather Starting:

The minimum starting temperature is -40°F/-40°C.

Thermal Management:

Superior heat sinking with external Air-Flow fins.

Effective Projected Area:

EPA = 0.75

Housing:

Die cast aluminum housing, lens frame and mounting arm.

Reflector:

Specular vacuum-metallized polycarbonate

Gaskets:

High temperature silicone gaskets.

Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

Surge Protection:

4kV

Surge Protector:

ALED78 is available with a 6kV surge protector (SP6) SP6 available .

Electrical

2008.

Color Stability:

Color Uniformity:

Driver:

Constant Current, Class 2, 2000mA, 480V, 50-60Hz, 0.172A, Power Factor 95.8%

LED color temperature is warrantied to shift no more

RAB's range of CCT (Correlated color temperature)

Standard for Specifications for the Chromaticity of

Solid State Lighting (SSL) Products, ANSI C78.377-

follows the guidelines of the American National

than 200K in CCT over a 5 year period.

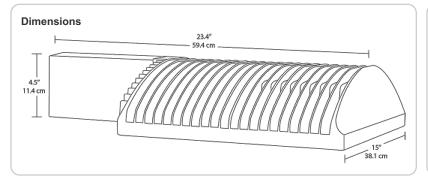
THD:

10.3% at 480V



ALED3T78W/480/PCS4





Features

High output LED light engine

Maintains 70% of initial lumens at 100,000 hours

Weatherproof high temperature silicone gaskets

Superior heat sinking with die cast aluminum housing and external fins

Replaces 250W MH area lights

5-year warranty

| Family | Distribution | Watts | Mount | Color Temp | Finish | Voltage | Photocell | Dimming | Bi-Level |
|--------|----------------------|-----------------|-----------------|-------------|-----------|--------------------|---------------------------|-----------------|----------------|
| ALED | | | | | | | | | |
| | 2T = Type II | 78 = 78W | = Arm | = Cool | = Bronze | = 120-277V | = No Photocell | = No Dimming | = No Bi-Level |
| | 3T = Type III | | SF = Slipfitter | Y = Warm | W = White | /480 = 480∨ | /PC = 120V Button | /D10 = Dimmable | /BL = Bi-Level |
| | 4T = Type IV | | | N = Neutral | RG = Gray | | /PC2 = 277V Button | | |
| | | | | | | | /PCS = 120V Swivel | | |
| | | | | | | | /PCS2 = 277V Swivel | | |
| | | | | | | | /PCT = 120-277V Twistlock | | |
| | | | | | | | /PCS4 = 480V Swivel | | |
| | | | | | | | | | |